

ACOM-12003

Intel® Xeon® COM Express Type 7 Module



FEATURES

- AVX-512 VNNI for AI inference, data analysis.
- Up to 128GB DDR4 SO-DIMM, 2933MT/s, ECC.
- 4x 10G Ethernet and NC-SI support.
- 16 PCIe Gen4 lanes and 16 PCIe Gen3 lanes.
- 10+ year product availability.
- Extreme Rugged operating temperature is 40°C to 85°C.

ACOM-12003	
CPU	Intel® Xeon® D-1700 processor
DIMENSION	125 mm x 95 mm
BIOS	AMI UEFI with CMOS backup in 32MB SPI
RAM	DDR4 memory, up to 128GB
ETHERNET	4x 10G Ethernet and NC-SI support 1000/100/10 GbE connection
PCIe	16 PCI Express Gen4, 2*8 PCI Express Gen3,
SATA	2x SATA 6Gb/s
USB	4x USB 3.0
SERIAL	2x UART ports with console redirection
GPIO	4x GPO and 4x GPI from EC
POWER INPUT	ATX: 12V+/-5% / 5Vsb +/-5% (TBC); or AT: 12V±5%
OS SUPPORT	Windows Server, Windows® 10 IoT Enterprise LTSC, Yocto Linux, VxWorks
RELATIVE HUMIDITY	5-90% RH operating, non-condensing, 5-95% RH storage (and operating with conformal coating
STORAGE TEMPERATURE	-20°C to 80°C
OPERATING TEMPERATURE	-40°C to 85°C
CERTIFICATIONS	CE, FCC
WARRANTY	2 Years